# RURAL DISTRICT OF DRIFFIELD

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# ANNUAL REPORT

of the

# Medical Officer of Health

for the year 1952

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# ANNUAL REPORT OF THE SANITARY INSPECTOR

WRIGHT & HOGGARD, PRINTERS, BEVERLEY

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*Clerk of the Council:*
R. B. TOLLETT.

*Medical Officer of Health and Divisional Medical Officer, East Riding County Council:*
E. T. COLVILLE, M.D., M.B., B.S.(Hons.), B.Hy., D.P.H.

*Sanitary Inspector and Surveyor:*
S. WRIGGLESWORTH, A.R.S.I., M.S.I.A.

*Waterworks Engineer and Inspector:*
T. LEARY.

*Consulting Engineer:*
D. H. MOORE, B.Sc., M.I.C.E.

Divisional Health Office,
Town Hall,
Bridlington.

*To the Chairman and Councillors,*
*Rural District of Driffield.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit the Annual Report on the Health Services of the Rural District for the year 1952.

There have been no outstanding problems affecting the health of the District during the year.

My thanks are due to the Chairman and Members of the Health Committee for their support, and my fellow officials for their ready assistance at all times.

I am,

Yours faithfully,

E. T. COLVILLE,

*Medical Officer of Health.*

## STATISTICAL MEMORANDUM.

| | |
|---|---|
| Rural District ... ... ... ... ... ... ... | Driffield |
| Area in acres ... ... ... ... ... ... ... | 98,423 |
| Population: 1952 Registrar General ... ... ... ... | 11,040 |
| Product of penny rate ... ... ... ... ... ... | £152 |
| Rateable value ... ... ... ... ... ... ... | £37,780 |
| Number of inhabited houses ... ... ... ... ... | 3,212 |
| Birth-rate ... ... ... ... ... ... ... ... | 16.6 |
| Death-rate ... ... ... ... ... ... ... ... | 11.3 |
| Infantile Mortality ... ... ... ... ... ... ... | Nil |

## VITAL STATISTICS.

(a) Live Births.

| | Male. | Female. | Total. |
|---|---|---|---|
| Legitimate ... ... ... ... | 88 | 83 | 171 |
| Illegitimate ... ... ... ... | 9 | 3 | 12 |
| | | | 183 |

| | |
|---|---|
| Birth-rate ... ... ... ... ... ... | 16.6 per 1,000 |
| Percentage of illegitimate births ... ... ... ... | 6.6 |

The birth-rate for England and Wales was 15.3 per 1,000. Our rate is, therefore, 1.3 above that for the country generally.

(b) Still-births.

There were 4 still-births (legitimate) during the year, equivalent to a rate of 0.36 per 1,000 population, as compared with 0.35 for the country generally.

(c) Deaths.

The number of deaths registered during the year as belonging to the Rural District was 125. This is equal to a death-rate of 11.3 per 1,000, compared with a rate of 11.3 for the country generally. The comparability factor to correct the crude death-rate for age and sex distribution in the Rural District is calculated by the Registrar General at 0.94. This, on multiplication with the actual rate, gives a comparative death-rate of 10.6 per 1,000, against that of 11.3 for the country generally.

(The causes of death are given in Table 1.)

(d) Infant Mortality Rate.

There were no deaths in infants under 1 year of age.

(e) Maternal Mortality.

There were no deaths from maternal causes.

## Table I.

### Causes of Death in Driffield R.D., 1952 (R.G.).

| | Males. | Females. |
|---|---|---|
| All causes ... ... ... ... ... | 74 | 51 |
| Cancer, stomach ... ... ... ... | 4 | 1 |
| Cancer, lung, bronchus ... ... ... | 2 | 1 |
| Cancer, breast ... ... ... ... | – | 2 |
| Cancer, other sites ... ... ... ... | 6 | 3 |
| Diabetes ... ... ... ... ... | 1 | 1 |
| Vascular lesions of nervous system ... | 12 | 12 |
| Coronary disease, angina ... ... ... | 8 | 4 |
| Hypertension with heart disease ... ... | 2 | 2 |
| Other heart disease ... ... ... | 17 | 9 |
| Other circulatory disease ... ... ... | 2 | 2 |
| Influenza ... ... ... ... ... | 1 | – |
| Pneumonia ... ... ... ... ... | 1 | 1 |
| Bronchitis ... ... ... ... ... | 1 | 2 |
| Ulcer of stomach and duodenum ... ... | – | 1 |
| Gastritis, enteritis and diarrhœa ... ... | – | 2 |
| Nephritis and nephrosis ... ... ... | 1 | – |
| Other defined and ill-defined diseases ... | 7 | 8 |
| Motor vehicle accidents ... ... ... | 1 | – |
| All other accidents ... ... ... ... | 8 | – |

## Table II.

### Vital Statistics—England and Wales (Extracts).

**Births.**

| | | |
|---|---|---|
| Live births ... ... ... | 15.3 | per 1,000 home population |
| Still births ... ... ... | 0.35 | per 1,000 home population |

**Deaths.**

| | | |
|---|---|---|
| All causes ... ... ... | 11.3 | per 1,000 home population |
| All causes under 1 year of age ... | 27.6 | per 1,000 live births |
| Enteritis and diarrhœa under 2 years of age... ... ... | 1.1 | per 1,000 live births |
| Maternal mortality rate (all causes) | 0.72 | per 1,000 live and still births |

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

The following infections diseases were notified during the year:—

| | |
|---|---|
| Erysipelas ... ... ... ... ... | 2 |
| Measles ... ... ... ... ... | 218 |
| Pneumonia ... ... ... ... ... | 14 |
| Whooping Cough ... ... ... ... | 20 |

There were no deaths from Measles or Whooping Cough.

### Diphtheria Immunisation.

The number of children who completed the full course of immunisation in the Authority's area between 1st January and 31st December, 1952, is as follows:—

| Under 5 years. | 5–14 years. |
|---|---|
| 119 | 2 |

In addition, 27 children received boosting doses.

The estimated number of children immunised at any time who were born between 1938 and 1952 inclusive is as follows:—

| Under 5 years. | 5–14 years. |
|---|---|
| 371 | 1,182 |

### Tuberculosis, 1952.

The Register of Tuberculosis for the year is as follows:—

| | Pulmonary. | | Non-Pulmonary. | | |
|---|---|---|---|---|---|
| | Males. | Females. | Males. | Females. | Total. |
| Number of cases on the Register at 31st December, 1951 ... | 9 | 8 | 7 | 5 | 29 |
| Added to the Register:— | | | | | |
| (a) Cases notified for the first time during the year ... | 3 | 1 | 1 | – | 5 |
| (b) Un-notified cases brought to notice otherwise than by formal notification ... | 1 | 1 | – | – | 2 |
| Removed from the Register on account of death, change of address, etc. ... ... ... | – | – | – | – | – |
| Number of cases on the Register at 31st December, 1952 ... | 13 | 10 | 8 | 5 | 36 |

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### Laboratory Facilities.

Specimens for bacteriological and pathological examinations are sent either to the Public Health Laboratory of the Medical Research Council

at Hull or to the Pathological Laboratory at the County Hospital, Beverley. The bacteriological examination of water supplies, milk supplies and ice cream is carried out at the Laboratory of the Medical Research Council at Hull.

### Ambulance Facilities.

This service is maintained by the County Council.

### Maternity and Child Welfare.

These services are maintained by the East Riding County Council. Clinics serving the area are established in Driffield, Kilham and Middleton.

### School Medical Services.

The Divisional and Assistant Divisional Medical Officers are responsible for these services in the area.

## SANITARY CIRCUMSTANCES OF THE AREA.

### Water Supply.

During the year under review water supply extensions were made to Brigham, Harpham and along Beverley Road to Rectory Farm, Beeford, a total of 4,890 yards of 3″ main. An extension of 3″ main was also carried out in Middleton and North Dalton parishes to serve several farms chiefly on the Warter Estate, a total of 9,000 yards being involved. A new 3″ main to serve a new housing estate at Nafferton was also laid during the year.

An Inquiry was held in October by an Engineering Inspector of the Ministry of Housing and Local Government into the proposed scheme for augmenting the water supply of the District by the sinking of new bores and the erection of a pump house, etc., at Kilham, together with new mains and three new reservoirs to be situated at Maiden's Grave, Driffield–Scarborough Road, Nafferton Wold and Tibthorpe Wold, and a new Booster Station at Garton Slack. The result of the Inquiry is still awaited.

Water at Hutton and Nafferton Pumping Stations is chlorinated, the re-agent being Voxsan special type C. and the feeders by Wallace & Tiernan, Ltd., the dosage being 2 gallons of 0.5% solution at Hutton and 2½ gallons of 0.5% per 30,000 gallons at Nafferton.

40 samples were taken from bores and standpipes during the year for Bacteriological Examination. 36 were reported as Highly Satisfactory and 4 as Unsatisfactory. Further samples were taken following the Unsatisfactory reports, all of which were reported as Highly Satisfactory.

87 connections have been made to the main during the year for domestic consumers and 35 for metered consumers.

### Drainage and Sewerage.

The general efficiency and character of the drainage and sewerage of the District is substantially the same as set out in the Medical Officer

of Health Annual Report for 1937. With "Mains" water supply available the demand is for a water carriage system whereby W.C's can be installed; with this in mind the Council has submitted to the Ministry of Housing and Local Government sewerage and sewage disposal schemes, prepared by the Council's Consulting Engineer, for four of the villages, namely, Hutton Cranswick, Beeford, Langtoft and North Dalton.

With regard to these schemes, the procedure laid down by the Ministry was followed and all financial, technical and other details, which had been requested by the Ministry, were furnished. At the close of the year, arrangements were being made for the scope and cost of these schemes to be advertised in the local newspapers, in order that the Ministry of Housing and Local Government might consider whether, in the light of objections received, a Public Local Inquiry was necessary or whether the proposals could be investigated by means of an informal visit by one of the Ministry's Engineering Inspectors.

Various sections of open drains were piped during the year as follows:—10 yards using 12″ sanitary pipes in Back Street, Langtoft; 30 yards using 18″ concrete pipes in Kilham Road, Langtoft; 90 yards using 6″ pipes in West Street, Kilham; and 50 yards using 9″ pipes in the outlet from pond at Middleton.

The following lengths of sewers which were defective have been relaid:—100 yards of 6″ sanitary pipes and 3 manholes built in Main Street, Harpham; 100 yards of 6″ pipes taken up and relaid in West Street, Kilham; 40 yards of 6″ pipes in The Square, Wansford; and a short section of 6″ pipes at Ruston Parva which was causing flooding has been replaced by 9″ pipes.

The sewage works at Middleton have been extensively repaired and includes rebuilding and capping settling tank walls, also replacing equipment and scum boards.

Items of plant have been ordered for replacing defective equipment at the North Frodingham sewage outfall, and it is hoped that next year with these to hand alterations can be carried out to improve the quality of the effluent.

## Closet Accommodation.

In the villages where there are facilities for W.C's to be connected direct into the sewers, the conversion of pail closets to W.C's proceeds slowly. In the other villages without proper sewage disposal, conversions have mainly been carried out by owner/occupiers and the disposal arrangements have been provided by means of septic tank treatment.

All new houses provided by the Council's Housing Programme have been provided with W.C's and where there is no system of sewage and sewerage disposal the sewage is being dealt with through septic tanks and/or filters according to the requirements as laid down by the Ministry of Housing and Local Government for small sewage disposal works.

There have been 45 W.C's provided by conversion from pail closets during the year, which includes 7 of the oldest Council Houses which were modernised. The approximate numbers of the various types of

accommodation at the end of the year were 767 water closets, 2,211 pail closets and 340 privy middens, the latter being located in the isolated parts of the district.

## Scavenging and Cleansing.

There is practically no change in the position regarding the scavenging of the district. The same procedure obtains except in Wansford village where the Contractor has privately undertaken to empty pail closets. There are approximately 24 householders involved and most of them take advantage of this service, for which they pay a small weekly charge. At Nafferton all pail closets and 5 privy middens are collected by the Contractor and disposed of by him on agricultural land for manurial purposes. The Contractor uses a 200-gallon pneumatic tyred horse-drawn tumbler cart for his collections and the pail closets are cleared weekly and the privy middens quarterly or oftener if required.

Cleansing of pail closets, privies and ashpits in the remainder of the district is the responsibility of the householders, and this fact is to be deplored. In many instances the amount of land available for disposal by digging in is very limited and, with repetition of this procedure over many years, the land is " sewage sick."

The Council have no facilities for undertaking a service of cleansing of cesspools and this duty falls upon the householder concerned.

A scheme for the collection of Indestructible Household Refuse from the whole of the district is in force, and is carried out by the Council's motor vehicle and workmen. The district is divided into eight areas or groups of villages, each of which is visited on either the first, second, third or fourth Thursday or Friday of each month. By this arrangement each village is visited and cleared once at least in every month. The contents of the dustbins from the married quarters of the Driffield R.A.F. Station (154 houses) are collected every Wednesday by the Council's motor vehicle and workmen. All material collected has been disposed of by tipping.

A new 3-ton Bedford Refuse Collecting Vehicle was purchased to replace the old open lorry. The Council accepted delivery on 1st July, 1952, and this vehicle was immediately put into use, proving highly satisfactory on the refuse collection rounds.

## Salvage.

A scheme was started in April whereby tins, light metal and other salvagable materials delivered to the Council's tips are sold to a Salvage Dealer. The Dealer is responsible for sorting and loading his own transport and the income derived from these sales amounted to £56 6s. 0d.

## Sanitary Inspection of the Area.

The following Tabular Statement sets out the number and nature of inspections made, types of premises visited, purpose of these visits, action taken and results of such action :—

| | Inspections. | No. in District. |
|---|---|---|
| Houses—for Rural Housing Survey (under £20 R.V.) | 225 | 2831 |
| Houses—for all other purposes ... ... ... | 373 | 3058 |
| Houses—subsequent visits ... ... ... ... | 112 | |
| Houses—informal action taken ... ... ... | 46 | |
| Houses—informal action complied with ... ... | 46 | |
| Houses—found not to be in all respects fit for human habitation ... ... ... ... | 95 | |
| Houses—found overcrowded during the year ... ... | 29 | |
| Houses—found overcrowded at end of year ... ... | 59 | |
| Houses—disinfected after infectious disease ... ... | 2 | |
| Houses—disinfested for vermin (beg-bugs) ... ... | Nil | |
| New Houses built by the Council ... ... ... | | 30 |
| New Houses built by Private Enterprise ... ... | | 12 |
| New Houses in course of erection by the Council ... | | 26 |
| New Houses in course of erection by Private Enterprise ... ... ... ... ... ... | | 15 |
| Drainage Works—all types of premises ... ... | 158 | |
| Water Supplies—all types of premises ... ... | 69 | |
| Shops, other than Meat Shops... ... ... ... | 30 | |
| Meat Shops, Stalls, etc. ... ... ... ... | 51 | |
| Food Inspections ... ... ... ... ... | 49 | |
| Ice-cream—registered premises ... ... ... | 28 | |
| Ice-cream—samples sent for Methylene Blue Test—total ... ... ... ... ... | | 8 |
| Ice-cream—results of test—number in Grades 1 & 2 | | 7 |
| Ice-cream—results of test—number in Grades 3 & 4 | | 1 |
| Cowsheds and Dairies ... ... ... ... ... | 10 | |
| Knackers' Yards ... ... ... ... ... | 12 | |
| Rats and Mice Destruction ... ... ... ... | 101 | |
| Pail Closets converted to Water Closets ... ... ... ... | | 45 |
| Cesspools abolished ... ... ... ... ... ... ... | | Nil |
| Nuisances found and remedied ... ... ... ... ... | | 9 |
| Water samples sent for bacteriological examination—total ... ... | | 50 |
| Water samples sent for bacteriological examination from pumping stations ... ... ... ... ... ... ... ... | | 13 |
| Water samples sent for bacteriological examination from public stand-taps ... ... ... ... ... ... ... ... | | 27 |
| Water samples sent for bacteriological examination from private supplies ... ... ... ... ... ... ... ... | | 10 |
| Unsatisfactory reports on bacteriological examination from private supplies ... ... ... ... ... ... ... ... | | 6 |
| Repeat samples satisfactory on bacteriological examination from private supplies ... ... ... ... ... ... ... | | Nil |
| Well closed (water unfit) ... ... ... ... ... ... | | 2 |

### Shops and Offices.

No action has been taken under either the Shops Act, 1934, or the Public Health Act, 1936, in respect of Shops and Offices.

### Camping Sites.

There are no camping sites in the district, but licences have been issued authorising persons to erect or station and use moveable dwellings in accordance with Section 269 of the Public Health Act, 1936; these being as follows:—North Frodingham, Wansford, Middleton, Gembling and 2 at Beeford—a total of 6 caravans.

### Swimming Baths and Pools.

There are no Swimming Baths or Pools in the district, either public or private.

### Eradication of Bed-Bugs.

No Council houses or private houses were found to be infested with bed-bugs. Disinfestations were carried out for fleas and cockroaches.

### Schools.

Most of the schools within this district have a laid-on water supply. The Council has asked the Education Authority to improve the washing facilities and sanitary arrangements (most of which are pail closets) at schools in this district, and the Education Authority, in their reply, indicate they are very much alive to the need for improvements, but only minor improvements can be carried out, due to cuts in expenditure, and they hope for a larger programme next year.

### Housing.

There is still a demand for houses, in particular for agricultural workers, and the Housing Committee realising this are making every effort to get houses completed for occupation. The continuing rise in cost of materials and labour is reflected in the ever increasing rent charged, and the Council has tried to offset this by reducing the size of the houses and quantity of materials used, but have kept to a traditional permanent type of dwelling. The Council have looked to the future by authorising the acquisition of sites in Bainton, Fimber, Foston, Garton, Hutton, Cranswick, Kilham, Middleton, Skerne and Watton, which will accommodate more than 85 houses.

The Housing Committee has continued to bring its original houses up-to-date by improving the 4 houses in West End, Kilham, and 3 houses in Wold Road, Nafferton. These 7 houses were built in 1920 and the improvements provide for proper bathrooms, hot and cold water, new Yorkist type combination ranges and inside W.C's. The old outside pail closets have been converted into fuel stores.

Council houses completed during the year total 30 and include 10 old person's bungalows which have proved highly successful in housing pensioners, and particularly those who have left the three-bedroomed Council Houses for re-letting to large families.

Council houses completed as follows:—

| | Houses. | Bungalows. | |
|---|---|---|---|
| Foston ... ... ... ... | 2 | – | |
| Nafferton ... ... ... ... | 2 | 4 | |
| Wansford ... ... ... ... | 2 | – | |
| Langtoft ... ... ... ... | – | 2 | |
| Watton ... ... ... ... | 4 | – | |
| Cranswick ... ... ... ... | – | 2 | |
| Garton ... ... ... ... | 4 | – | |
| Cowlam ... ... ... ... | 4 | – | |
| Bainton ... ... ... ... | – | 2 | |
| North Dalton ... ... ... | 2 | – | |
| | 20 | 10 | |
| | | | 30 |

Total number of Council houses occupied at the end of the year—379.
Council houses in course of erection include:—

| | |
|---|---|
| Skerne ... ... ... ... | 2 |
| Fridaythorpe ... ... ... | 4 |
| Harpham ... ... ... | 6 |
| Wetwang ... ... ... | 10 |
| Cranswick ... ... ... | 2 |
| Tibthorpe ... ... ... | 2 |
| | 26 |

Total number of applicants for Council houses at end of year—231.

Under Private Enterprise, 12 have been completed and 15 are in course of erection, all of traditional permanent types.

During the year, 14 cases of overcrowding were abated by moving into Council houses.

There have been two applications proposing the improvement of three houses under the Housing Act, 1949, and both these were approved, the Council allowing $33\frac{1}{3}\%$ grant in each case.

Regarding the Rural Housing Survey, the figures are categorised as follows:—

| | |
|---|---|
| Number of houses in District ... ... ... | 3,058 |
| Number of houses in District under £20 R.V. ... | 2,831 |
| Total inspected up to 31st December, 1952 ... | 1,832 |

Category.

| 1. | 2. | 3. | 4. | 5. | overcrowded. |
|---|---|---|---|---|---|
| 366 | 268 | 697 | 145 | 486 | 59 |
| 20% | 14.6% | 38% | 7.9% | 26.5% | 3.3% |

## FOOD.

### Milk Supply.

During the year the officers of this Authority have co-operated with the officers of the Ministry of Agriculture and Fisheries with a view to bringing about better conditions in the production of milk.

### Meat and Other Foods.

The Central Slaughterhouse for the area is situated in the Driffield Urban District. There is no slaughtering for sale carried out in the Rural District, and the 13 butchers located in the district obtain their meat from the Central Slaughterhouse, retailing it from their own premises and vans. Driffield butchers also retail meat, by vans, in the Rural District.

Meat shops, vehicles and places where food is prepared for sale have all received attention and 51 inspections have been made. No action has been necessary, all premises being found well kept and clean.

The amount of unsound foodstuffs found include:—

30¾lbs. sultanas.
2 3lb. 9oz. tins luncheon meat.
48 16oz. tins baked beans.
48 14oz. tins peeled tomatoes.

## FACTORIES ACTS, 1937 and 1948.

### 1. Inspection for purpose of provision as to health.

| Premises. | No. on Register. | No. of Inspections. |
|---|---|---|
| (1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... | 46 | 52 |
| (2) Factories not included in (1) in which Section 7 is enforced by the Local Authority ... | 3 | 6 |
| (3) Other premises in which Section 7 is enforced by the Local Authority ... ... ... | – | – |
| Total ... | 49 | 58 |

### 2. Cases in which defects were found.

| Particulars. | Found. | Remedied. |
|---|---|---|
| Want of cleanliness (S.1) ... ... ... ... | 4 | 4 |
| Inadequate ventilation (S.4) ... ... ... | Nil | Nil |
| Ineffective drainage of floors (S.6)... ... ... | Nil | Nil |
| Sanitary conveniences (S.7). | | |
| (a) insufficient ... ... ... ... ... | 1 | 1 |
| (b) unsuitable or defective ... ... ... | 2 | 2 |
| Total ... | 7 | 7 |